

REMARKS

Claims 1-22 are pending in the application. The Examiner has objected to the drawings. The Examiner has rejected Claims 1-22 under 35 U.S.C. §103(a) as being obvious over Kosamo (U.S. PGPUB 2004/0250069) in view of Kim (U.S. PGPUB 2003/0078061), and further in view of IEEE Std 802.16-2001 and Applicants' Admitted Prior Art (APA).

Please amend Claims 1, 6, 7, 13, 17, 18 and 20 as set forth herein. Please cancel Claim 2 without prejudice. No new matter has been added.

Regarding the objections to the drawings, the Examiner has requested that FIGs. 1-3 be labeled "Prior Art". Filed herewith are Replacement Sheets 1/10, 2/10 and 3/10 containing FIGs. 1-3 labeled "Prior Art".

Based on at least the foregoing, withdrawal of the objections to the drawings is respectfully requested.

Regarding the rejection of independent Claims 1, 6, 13, 17 and 20 under §103(a), the Examiner alleges that Kosamo, in view of Kim, and further in view of IEEE and APA renders the claims unpatentable. Kosamo discloses adapting security parameters of services provided for a user terminal in a communication network and correspondingly secured data communication; Kim discloses a method and apparatus for providing commercial broadcasting service in a cellular mobile communication network; and IEEE discloses air interface for fixed broadband wireless access systems.

Each of independent Claims 1, 6, 13, 17 and 20 relate to a method or apparatus wherein a subscriber station requests a service-specific traffic encryption key from a base station. The subscriber station determines a service type for a traffic encryption key. The subscriber station generates a Key Request message requesting a traffic encryption key corresponding to the service

type. The Key Request message includes a parameter that identifies the service type. The Key Request message is sent to or received by the base station. That is, the subscriber station determines the services for which a traffic encryption key is to be requested, and then requests the traffic encryption key from the base station.

The Examiner relies on Kosamo for allegedly teaching these features. Applicants respectfully disagree.

In paragraph [0009], Kosamo teaches that its network informs a user terminal of security parameters available for the services provided for the user terminal, and then its user terminal selects a security parameter per service. Thus, in Kosamo, the network provides all security parameters available for all services provided. The providing of all security parameters available for all services provided of Kosamo is not and cannot be equated with a subscriber station requesting specific traffic encryption keys for specific services as in the claims of the present application, or a service type that is recorded in a parameter included in a Key Request message. None of Kim, IEEE or APA cure this deficiency of Kosamo.

Based on at least the foregoing, withdrawal of the rejection of Claims 1-22 under §103(a) is respectfully requested.

Independent Claims 1, 6, 13, 17 and 20 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 3-5, 7-12, 14-16, 18, 19, 21 and 22, these are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 3-5, 7-12, 14-16, 18, 19, 21 and 22 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1 and 3-24, are believed to be in condition for allowance. Should the Examiner believe that a telephone

conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,



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